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# CDF Operations Report

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All Experimenters' Meeting  
(Holiday - talk not presented!)



# Store Summary

| Store   | Start Date | Duration (hours) | Inst Lum Initial<br>e30 cm-2 s-1 | Int. Lum Delivered<br>nb-1 | Live Lum nb-1  | Tevatron Terminate   |
|---|------------|------------------|----------------------------------|----------------------------|----------------|----------------------|
| 3597  | 6/28       | 24.0             | 67.5                             | 2,417                      | 2,129<br>88%   | OK                   |
| Stores 3599 and 3606 lost before HEP collisions |            |                  |                                  |                            |                |                      |
| 3610  | 7/01       | 18.4             | 37.8                             | 1,303                      | 1,132<br>87%   | OK                   |
| 3612  | 7/02       | 21.9             | 65.8                             | 2,095                      | 1,818<br>87%   | OK                   |
| 3614  | 7/03       | 26.9             | 79.5                             | 3,023                      | 2,694<br>89%   | OK                   |
| 3616  | 7/04       | 11.4             | 79.1                             | 1,859                      | 1,603<br>86%   | Quench<br>Comp. trip |
| Total<br>3597-3616                              |            | 102.6            |                                  | 10,697                     | 9,376<br>88%   |                      |
| FY2004<br>(3033 up)                             |            | 2,998            |                                  | 259,468                    | 203,627<br>79% |                      |



# CDF STATUS

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- COT full ON
- Tevatron beam conditions mostly good for Silicon with some problems proton losses - at least some correlated with unstable HVAC in CDF Hall.
- Two stores lost this week (one "mixed mode" and one normal).
- Current trigger table handles 90E30 with about 15-20% deadtime. Deadtime (probably) less than 5% integrated over store.



# CDF Run IIa Detector



